

Converting Colors

HunterLab(56.9939, 57.7719,
12.6793)

Have a look what the booklet for
HunterLab(56.9939, 57.7719,
12.6793) contains.

HunterLab(56.9947, 57.7749, 12.6688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(56.9947, 57.7749,
12.6688)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6686
RGB	255, 102, 134
RGB Percent	100%, 40%, 53%
CMY	0.0000, 0.6000, 0.4745
CMYK	0.00, 0.60, 0.47, 0.00
HSL	347°, 100%, 70%
HSV	347°, 60%, 100%
XYZ	50.2944, 32.4840, 26.1734
YIQ	151.3950, 80.9160, 42.3880

Conversions

Conversions Part 2

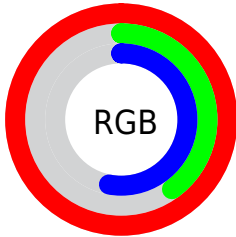
Format	Color
R_{YB}	255, 102, 134
Decimal	16737926
CIE _{Lab}	63.74, 60.70, 13.13
CIE _{LCh}	64, 62.107, 12.206
Yxy	32.4857, 0.4616, 0.2982
Android (android.graphics.Color)	4294928006 (0xFFFF6686)
YUV	151.3950, -8.5757, 90.8616
Hunter-Lab	56.9947, 57.7749, 12.6688

Details

The HunterLab color **56.9947, 57.7749, 12.6688** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89.2599, -47.0953, 7.8012**, and the grayscale version is **55.8020, -2.9775, 3.0318**.

A 20% lighter version of the original color is **70.4586, 35.3082, 4.4730**, and **36.9449, 53.5252, 9.9100** is the 20% darker color. If you saturate the color by 10%, you get **52.6406, 66.8698, 15.7332**, and if you desaturate by 10%, it is **62.3773, 47.4904, 10.1393**.

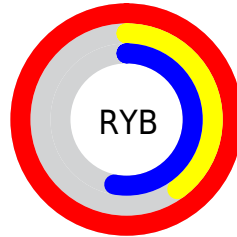
Distribution



Red (100%)

Green (40%)

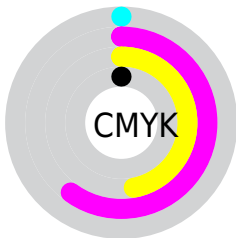
Blue (53%)



Red (100%)

Yellow (40%)

Blue (53%)

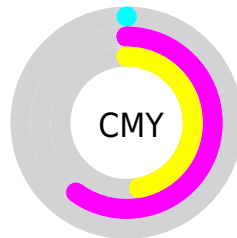


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.9947, 57.7749, 12.6688 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 56.9947, 57.7749, 12.6688 by changing the saturation by 10% instead.


 56.9947, 57.7749,
12.6688


 56.9947, 57.7749,
12.6688


177.0102, 71.6683,
24.3365


 46.6184, 55.7504,
11.3593


 79.7319, 61.5123,
15.2532


 36.9603, 53.6469,
10.0231


 92.0183, 63.2316,
16.5379

 28.0803, 51.5024,
8.6451


 104.8780, 64.8539,
17.8232

 20.0536, 49.4290,
7.1990

 118.2866, 66.3836,
19.1120

 12.9830, 47.7504,
5.7156

132.2224, 67.8255,
20.4064

 6.4366, 54.0911,
4.5056

146.6661, 69.1840,

0.0000, INF, NaN

21.7078

0.0000, NaN, NaN

161.6006, 70.4636,
23.0175

0.0000, NaN, NaN

■ 56.9947, 57.7749,
12.6688

■ 56.9947, 57.7749,
12.6688

■ 52.6406, 66.8698,
15.7332

■ 62.3773, 47.4904,
10.1393

■ 49.4273, 73.9535,
19.1431

■ 68.6400, 36.7057,
8.2000

■ 47.3971, 78.3087,
22.5832

■ 75.6448, 25.8545,
6.8277

■ 46.3899, 80.0036,
25.6301

■ 83.2703, 15.1740,
5.9581

■ 46.3896, 80.0041,
25.6310

■ 91.4164, 4.7673,
5.5168

100.0000, -5.3359,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.9962, 55.9463, -14.3367



56.9947, 57.7749, 12.6688



56.9962, 41.2133, 27.4635

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9962, 57.7706, 12.6700



56.9962, -34.1571, 29.0580



56.9962, -18.1952, -67.7261

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.9947, 57.7749, 12.6688



89.2599, -47.0953, 7.8012

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.9962, -36.9076, -41.5904



56.9947, 57.7749, 12.6688



56.9962, -44.8605, 16.3342

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9962, 57.7706, 12.6700



56.9962, -13.7086, 33.4881



56.9962, -45.7623, -8.4788



56.9962, 8.4669, -70.3204

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.9947, 57.7749, 12.6688



56.9962, 23.5159, 31.9344



56.9962, -45.7623, -8.4788



56.9962, -25.4854, -60.9847

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.9962, 57.7706, 12.6700



84.8579, 13.0729, 5.8382



56.7721, 66.9147, -62.6493



38.1918, 7.4667, 2.7845

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.9962, 57.7706, 12.6700



51.9026, 68.4778, 16.3971



65.2528, 33.0289, 29.3629



42.4844, 1.9723, 2.5468



33.5588, 57.9269, 18.1475



10.5430, 18.3390, 4.6129

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.9962, 57.7706, 12.6700



51.9026, 68.4778, 16.3971



75.4709, -20.9426, -28.1855



42.4844, 1.9723, 2.5468



33.5588, 57.9269, 18.1475



10.5430, 18.3390, 4.6129

Previews

White Background



This preview shows how the HunterLab color 56.9947, 57.7749, 12.6688 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 56.9947, 57.7749, 12.6688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

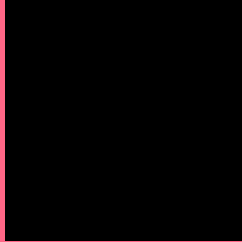
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.9947, 57.7749, 12.6688 Background



This preview shows how black text looks on a background with the HunterLab color 56.9947, 57.7749, 12.6688.



This preview shows how white text looks on a background with the HunterLab color 56.9947, 57.7749,

12.6688.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.9947, 57.7749, 12.6688

Protanopia

57.1738, -1.4133, -0.2422

Deuteranopia

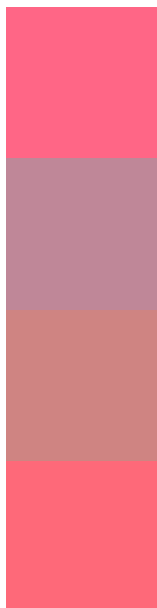
57.1060, 3.7420, 14.4073



Tritanopia

57.0711, 53.4057, 19.8717

Trichromacy



Original Color

56.9947, 57.7749, 12.6688

Protanomaly

55.3817, 18.5244, 2.6481

Deuteranomaly

56.0175, 23.0968, 12.5692

Tritanomaly

57.0565, 54.6222, 17.3169

Monochromacy



Original Color

56.9947, 57.7749, 12.6688

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

54.4410, 17.7958, 4.6838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.9947, 57.7749, 12.6688 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 102, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 102, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 56.9947, 57.7749, 12.6688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

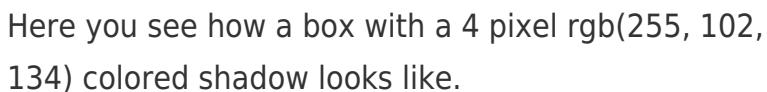
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 102, 134) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 102, 134) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 102, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 102, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 102, 134); box-shadow:4px 4px 4px 4px rgb(255, 102, 134) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.9947, 57.7749, 12.6688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
102, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor